

INFORMATION REPORT

CD NO. 50X1-HUM

COUNTRY Czechoslovakia

CONFIDENTIAL

DATE DISTR. 5 JUL 49

SUBJECT Kavalier Glassworks at
Sazava nad Sazavou

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(LISTED BELOW)

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1. General

All nationalized glass and blowing shops are affiliated with this concern. A new foundry is being built in the glassworks, which by its dimensions and equipment will make it the best and largest glassworks for technical production in Central Europe. The glassworks is quite modernly equipped, has nearly 100 grinding machines, 20(?) cracking machines, band (?) tampers, glassmakers' air presses, matt surfacing machines, and its own branch line and narrow-gauge track. Equipment and employees are being transferred to the glassworks from the entire territory of CSR. The new foundry will produce 140 cwt. of special frits in two circular furnaces in 24 hours. There will also be one bath constantly working 200 cwt. of frits.

2. Products

Special technical glass, instruments for laboratories and hospitals, pharmacies, and experimental institutes. Construction of special instruments in accordance with designs provided. Special detonators for mines.

3. Types of Glass

- a. "K35" - a sodium glass of the best raw materials of exceptional quality; the glass stands changes of temperature exceedingly well.
- b. "K42" - a glass of similar characteristics but of poorer quality; because of the lack of pure soda, sodium molasses is used.
- c. "Palex" - an improved type of glass capable of standing pressure, temperature, fatigue, and shocks; a soft blowers' glass for the production of tubes in blowing shops.

4. Personnel

Eng. Brabenec, the Manager, is an expert who knows the secrets of glass making. The foreman and workers are old specialists. There are about 1,000 employees of whom 100 are foremen and 80 office staff. Only about 35 percent are Communists. The remainder of the employees are not politically organized the Communists.

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5. Technical Details

Machines are driven by electricity from the Kolin generating station and consume 2,000 KW per 24 hours. Furnaces are heated by producer gas and consume two carloads of coal in 24 hours as well as some 500 liters of gasoline daily.

6. Production

Production in a 24-hour period in three foundries: 220 cwt. of frits, of which 25 percent are waste; about 160 to 170 cwt. of finished products.

7. Exports

Sixty percent to the USSR (one 20-ton carload daily), 30 percent to the rest of the world [redacted] Rumania, Yugoslavia [redacted] Poland [redacted] Bulgaria), leaving 10 percent for CSR.

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8. Bottlenecks

Generator, transformer, furnaces, and baths.

9. Entry

Although entry to the factory is possible only with permission of Ministry of National Defense, security measures are inadequate.

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